

DL-500Y Four-Side Seal Series

Four-Lane Vertical Liquid Packing Machine



EQUIPMENT TECHNICAL PARAMETER

南京翰洋智能设备有限公司
NANJING HANYOO PHARMATECH CO., LTD.



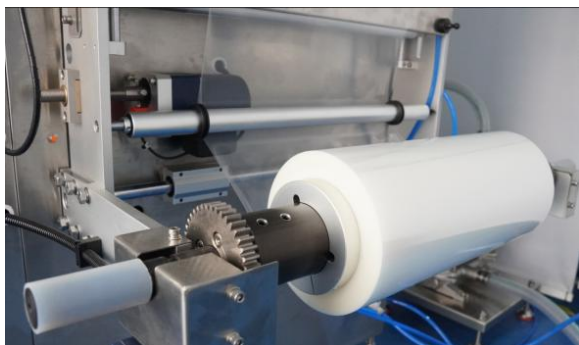
DL-500Y Four-Lane Vertical Liquid Packing Machine



APPLICATION

Suitable for fully automatic soft packaging of liquids, ointments, sauces, etc. in industries such as food, daily chemicals, health products, cosmetics, biology, and pharmaceuticals. For example: mouthwash, oral liquid, cream, ointment, honey, cosmetics, sauce, oil, fruit juice drinks, medicinal liquid, water cream, etc.

MACHINE DETAILS



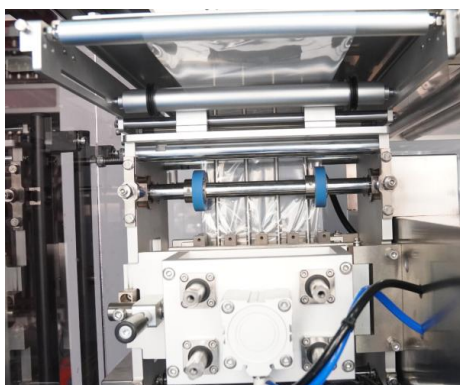
Precise film placing mechanism

Automatically brakes according to the speed of the equipment during film drawing and bag making, making the equipment film drawing more stable.



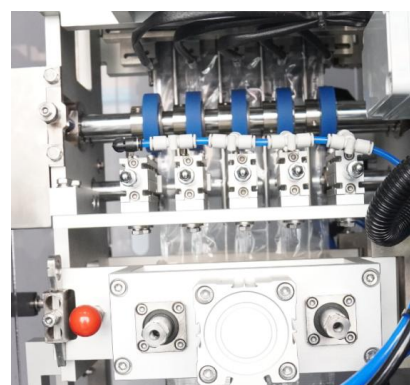
Measuring system

Material is measured by magnetic pump, which is fast and accurate, and the weight can be adjusted with one click on the touch screen.



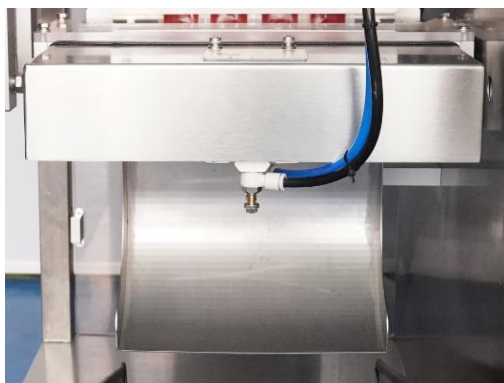
Longitudinal sealing mechanism

Fine processing, beautiful bag making, good sealing. The sealing roller surface is coated with Teflon, which is wear-resistant, anti-fouling and easier to clean.



Horizontal sealing mechanism

Fine processing, beautiful bag making, good sealing. The sealing roller surface is coated with Teflon, which is wear-resistant, anti-fouling and easier to clean.



Cutter mechanism

The cutter is sharp, cuts beautiful bags, has good toughness and is durable.



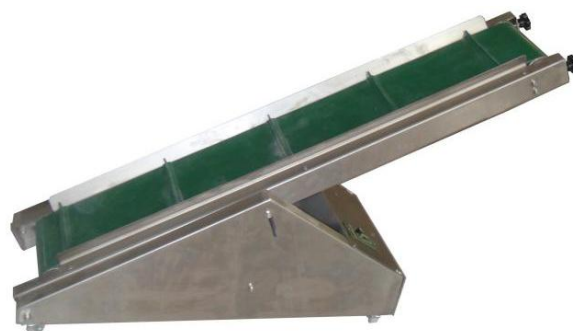
Touch screen display

Mitsubishi control system, Inovance human-machine interface is intelligent and convenient to operate.



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Finished product conveyor

TECHNICAL PARAMETER

Model	DL-500Y
Number of packing	Four-Lane
Measuring method	Magnetic pump
Packaging speed	120 bags/min
Bag size	L: 50-160mm (adjustable) W: 55mm (fixed value)
Film width range	Max. 500mm
Film thickness	0.05-0.1mm
Power supply	1N+PE/50HZ/AC220V/5.2KW
Dimensions (mm)	L×W×H (1300×1540×1750) (Total height including trough 2350mm)
Weight	450kg

ELECTRONIC PART LIST

NO.	NAME	PRODUCER
Controller		
1	Touch screen	Huichuan/China
2	PLC controller	Mitsubishi/Japan
3	Servo drive	Panasonic/Japan
4	Temperature controller	U-TECH/Xiamen
5	Inverter	Jintian/Guangdong
Pneumatic Part		
1	Horizontal sealing cylinder	AirTac/Taiwan
2	Vertical sealing cylinder	AirTac/Taiwan
3	Film transport cylinder	AirTac/Taiwan
4	Cutter cylinder	AirTac/Taiwan
5	Solenoid valve	AirTac/Taiwan
6	Triplet	AirTac/Taiwan
7	Other pneumatic components	AirTac/Taiwan
Low Voltage Electrical Components		
1	DC power supply	Mean Well/Shanghai
2	Intermediate relay	Tianzheng/Zhejiang
3	Solid-state relay	FOTEK/Taiwan
4	Switching power supply	Lifeng/Shenzhen
5	Other low-voltage electrical appliances	Tianzheng/Zhejiang
Sensors Section		
1	Proximity switch	AUTONICS/Korea
2	Color coded optical fiber	Baideli/Wenzhou KS-C2RG/C2RW
Transmission Part		
1	Servo drive	Panasonic/Japan
2	Motor	VTV/Beijing
Other Attachments		
1	Power cable connection	Guangdong



HANYOO

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